

Patent Abstracts of Japan

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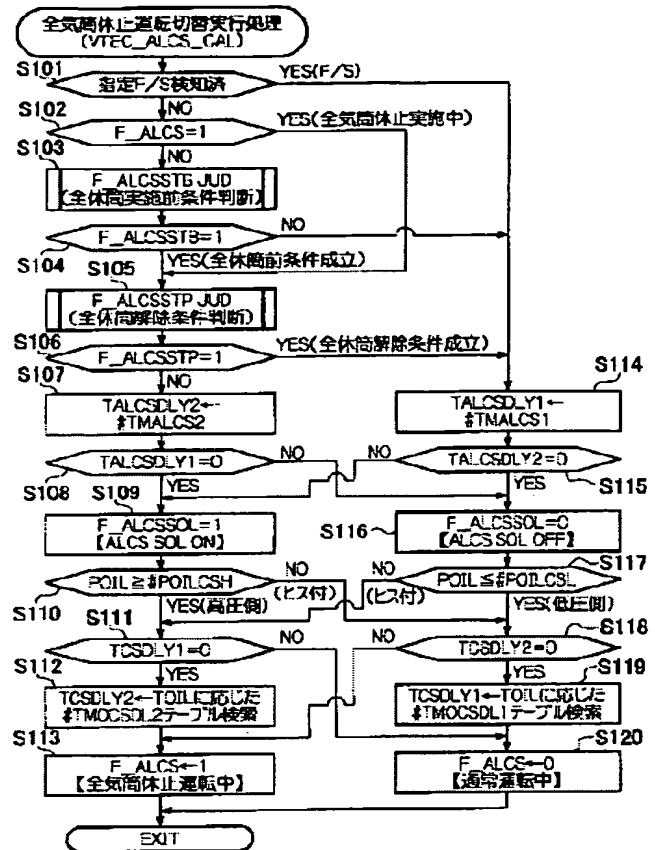
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TITLE : CONTROL DEVICE FOR HYBRID  
VEHICLE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a control device for a hybrid vehicle capable of greatly enhancing fuel consumption through the assistance of motor driving by greatly increasing the amount of regeneration.

SOLUTION: The hybrid vehicle has an engine and a motor as the sources of drive for the vehicle. The control device for the hybrid vehicle stops the supply of fuel to the engine using a fuel supply stopping means when the vehicle is decelerated, and performs regenerative braking using the motor according to the decelerated condition of the vehicle. The engine is of a cylinder cutoff type capable of cutting off some of cylinders and includes an all-cylinder cutoff execution flag F-ALCS for determining whether or not the cylinders can be cut off according to the operating condition of the engine, and a variable valve timing mechanism for effecting the cylinder cutoff operation of the engine if the flag F-ALCS determines that the cylinders can be cut off. If the supply of fuel to the engine is stopped by the fuel supply stopping means during deceleration of the vehicle, the cylinders are cut off according to the flag F-ALCS and the variable valve timing mechanism.

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